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PATENT

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Minneapolis, Minnesota  
January 2, 2001

Applicant - Spielberg et al                      Group: TBD  
Serial No. - 09/998,348                      Examiner: TBD  
Filed - November 30, 2001                      Atty. Docket No. - H0002128-US  
For - BALL GRID ARRAY PACKAGE

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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner For Patents  
Washington, D.C. 20231

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**EXPLANATION OF DOCUMENTS**

*(Copies of the cited references are enclosed.)*

**U.S. Patents**

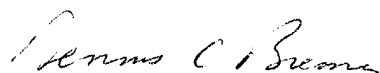
1. Patent # 5,477,933
2. Patent # 5,598,036
3. Patent # 5,783,870
4. Patent # 5,874,776

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**U.S. Patents (Continued)**

- 5. Patent # 5,975,409
- 6. Patent # 5,990,545
- 7. Patent # 6,163,462

Respectfully submitted,  
Spielberger et al

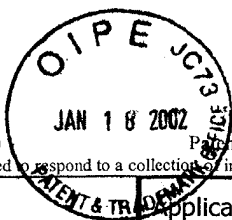


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Enclosures - 7 United States Patents

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## TRANSMITTAL FORM

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Total Number of Pages in This Submission **5** +Ref.

Application Number	09/998,348
Filing Date	November 30, 2001
First Named Inventor	Spielberger et al
Group Art Unit	TBD
Examiner Name	TBD
Docket Number	H0002128-US

### ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
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- ☐ After Final
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Form PTO1449 and cited references (7 U.S. Patents)

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name: Dennis C. Bremer

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